

IN THE CLAIMS

Please amend the claims to read as indicated herein.

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1. (currently amended) A method for enabling improved access to data stored in a log of from a computer memory system during a data recovery operation, said computer memory system having multiple copies of said log comprising a primary said data in a first log, and a secondary copy of said data in a second log, each log storing data transactions with a database system stored on said computer memory system, the method comprising the steps of:
 - a) responding to a process request to read a said data from said first log, by determining a parameter indicative of demand for access to read one of said copies of said first log; and
 - b) assigning the process to another of said copies of the read said copy of said data from said second log if said parameter has reached a threshold value,
wherein said process is one of a plurality of processes concurrently attempting to read said first log during said data recovery operation.
2. (currently amended) The method as recited in claim 1, wherein said one of said copies of the first log is the a primary log.
3. (currently amended) The method as recited in claim 2, wherein said parameter is a count of the said plurality of processes assigned to the primary said first log.
4. (currently amended) The method as recited in claim 3, wherein, when said count of said plurality of processes assigned to the primary said first log reaches a predetermined threshold, step b) distributes new process assignments to both the primary said first log and secondary said second log in an attempt to balance work of the respective said first and second logs.
5. (currently amended) The method as recited in claim 3, wherein, when said count of said plurality of processes assigned to the primary said first log reaches a predetermined threshold, step b) alternates new process assignments to the primary said first log and the secondary said second log in an attempt to balance work of the respective said first and second logs.
6. (currently amended) The method as recited in claim 2, wherein said parameter is a count of requests that have been queued to the primary said first log.

7. (currently amended) A memory media including instructions for controlling a computer to enable improved access to data stored in a log of said computer's from a memory system during a data recovery operation, said memory system having multiple copies of said log comprising a primary said data in a first log and a copy of said data in a second secondary log, each log storing data transactions with a database system stored on said memory system, the memory media comprising:

- a) means for controlling said computer to respond to a process request to read a said data from said first log, by determining a parameter indicative of demand for access to read one of said copies of said first log; and
- b) means for controlling said computer to assign the process to another of said copies of the read said copy of said data from said second log if said parameter has reached a threshold value, wherein said process is one of a plurality of processes concurrently attempting to read said first log during said data recovery operation.

8. (currently amended) The memory media as recited in claim 6_7, wherein said one of said copies of the log first is the a primary log.

9. (currently amended) The memory media as recited in claim 7, wherein said parameter is a count of the said plurality of processes assigned to the primary said first log.

10. (currently amended) The memory media as recited in claim 8_9, wherein, when said count of said plurality of processes assigned to the primary said first log reaches a predetermined threshold, means b) controls said computer to distribute new process assignments to both the primary said first log and secondary said second log in an attempt to balance work of the respective said first and second logs.

11. (currently amended) The memory media as recited in claim 8_9, wherein, when said count of said plurality of processes assigned to the primary said first log reaches a predetermined threshold, means b) controls said computer to alternate new process assignments to the primary said first log and the secondary said second log in an attempt to balance work of the respective said first and second logs.

12. (currently amended) The memory media as recited in claim 7, wherein said parameter is a count of requests that have been queued to the primary said first log.

13. (currently amended) A computer system that enables improved access to data stored in a log of said computer's from a memory system during a data recovery operation, said memory system having multiple copies of said log comprising a primary said data in a first log and a secondary copy of said data in a second log, each log storing data transactions with a database system stored on said memory system, the computer system further comprising:

- a) means for determining a parameter indicative of demand to read one of said copies of said first log; and
- b) logging means responsive to a process request to read a said data from said first log, by assigning the process to another of said copies of the read said data from said second log if said parameter has reached a threshold value, wherein said process is one of a plurality of processes concurrently attempting to read said first log during said data recovery operation.

14. (currently amended) The computer system as recited in claim 13, wherein said one of said copies of the log first log is the a primary log.

15. (currently amended) The computer system as recited in claim 13, wherein said parameter is a count of the said plurality of processes assigned to the primary said first log.

16. (currently amended) The computer system as recited in claim 13, wherein said logging means, when said count of said plurality of processes assigned to the primary said first log reaches a predetermined threshold, distributes new process assignments to both the primary said first log and secondary said second log in an attempt to balance work of the respective said first and second logs.

17. (currently amended) The computer system as recited in claim 13, wherein said logging means, when said count of processes assigned to the primary said first log reaches a predetermined threshold, alternates new process assignments to the primary said first log and the secondary said second log in an attempt to balance work of the respective said first and second logs.

18. (currently amended) The computer system as recited in claim 13, wherein said parameter is a count of requests that have been queued to the primary said first log.

19. (canceled)

EJ 20. (canceled)

21. (canceled)
